

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 33808F0343

First Inventor Eric Lacroix, et al.

Title BULK CATALYSTS BASED ON CHROMIUM AND ON NICKEL FOR
THE GAS-PHASE FLUORINATION OF HALOGENATED
HYDROCARBONS

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 19]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets]
5. ☐ Oath or Declaration [Total Sheets 3]
a. ☐ Newly executed (original or copy)
b. ☒ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other: _____

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP)

of prior application No: 10 / 107,242

Prior application information: Examiner Elizabeth D. Wood

Art Unit: 1755

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

00441

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name Smith, Gambrell & Russell

Address 1850 M Street, N.W.
Suite 800

City Washington

State DC

Zip Code 20036

Country USA

Telephone (202) 263-4300

Fax (202) 263-4329

Name (Print/Type)

Frederick F. Calvert

Registration No. (Attorney/Agent)

28,557

Signature

Date

September 10, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

22154 U.S. PTO

10/65871

09/10/03

17224 U.S. PTO
09/10/03

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1 style="text-align: center;">FEE TRANSMITTAL</h1> <h2 style="text-align: center;">for FY 2003</h2> <p style="text-align: center;"><i>Effective 01/01/2003. Patent fees are subject to annual revision.</i></p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		Complete if Known	
		Application Number	To Be Assigned
		Filing Date	Herewith
		First Named Inventor	Eric Lacroix
		Examiner Name	To Be Assigned
		Art Unit	To Be Assigned
TOTAL AMOUNT OF PAYMENT (\$)		750	
		Attorney Docket No.	33808F0343

METHOD OF PAYMENT (check all that apply) <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money <input type="checkbox"/> Other <input type="checkbox"/> None Order <input type="checkbox"/> Deposit Account: Deposit Account Number: 02-4300 Deposit Account Name:					FEE CALCULATION (continued)																																																																																																																																																																																																																																								
1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>2001</td> <td>750</td> <td>375</td> <td>Utility filing fee</td> <td>750</td> </tr> <tr> <td>1002</td> <td>2002</td> <td>330</td> <td>165</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>1003</td> <td>2003</td> <td>520</td> <td>260</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004</td> <td>2004</td> <td>750</td> <td>375</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005</td> <td>2005</td> <td>160</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1)</td> <td>(\$ 750)</td> </tr> </tbody> </table>					Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid	1001	2001	750	375	Utility filing fee	750	1002	2002	330	165	Design filing fee		1003	2003	520	260	Plant filing fee		1004	2004	750	375	Reissue filing fee		1005	2005	160	80	Provisional filing fee		SUBTOTAL (1)					(\$ 750)	3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>2051</td> <td>130</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td></td> </tr> <tr> <td>1052</td> <td>2052</td> <td>50</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet.</td> <td></td> </tr> <tr> <td>1053</td> <td>1053</td> <td>130</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>1812</td> <td>1812</td> <td>2,520</td> <td>2,520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>1804</td> <td>1804</td> <td>920*</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>1805</td> <td>1805</td> <td>1,840*</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>1251</td> <td>2251</td> <td>110</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>1252</td> <td>2252</td> <td>410</td> <td>205</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>1253</td> <td>2253</td> <td>930</td> <td>465</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>1254</td> <td>2254</td> <td>1,450</td> <td>725</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>1255</td> <td>2255</td> <td>1,970</td> <td>985</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>1401</td> <td>2401</td> <td>320</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>1402</td> <td>2402</td> <td>320</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>1403</td> <td>2403</td> <td>280</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>1451</td> <td>1451</td> <td>1,510</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>1452</td> <td>2452</td> <td>110</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>1453</td> <td>2453</td> <td>1,300</td> <td>650</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>1501</td> <td>2501</td> <td>1,300</td> <td>650</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>1502</td> <td>2502</td> <td>470</td> <td>235</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>1503</td> <td>2503</td> <td>630</td> <td>315</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>1460</td> <td>1460</td> <td>130</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>1807</td> <td>1807</td> <td>50</td> <td>50</td> <td>Processing fee under 37 CFR 1.17 (q)</td> <td></td> </tr> <tr> <td>1806</td> <td>1806</td> <td>180</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>8021</td> <td>8021</td> <td>40</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> <tr> <td>1809</td> <td>2809</td> <td>750</td> <td>375</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>1810</td> <td>2810</td> <td>750</td> <td>375</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>1801</td> <td>2801</td> <td>750</td> <td>375</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>1802</td> <td>1802</td> <td>900</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td></td> </tr> <tr> <td colspan="5"> SUBTOTAL (2) (\$ 0) </td> <td> SUBTOTAL (3) (\$ 0) </td> </tr> </tbody> </table>					Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid	1051	2051	130	65	Surcharge - late filing fee or oath		1052	2052	50	25	Surcharge - late provisional filing fee or cover sheet.		1053	1053	130	130	Non-English specification		1812	1812	2,520	2,520	For filing a request for reexamination		1804	1804	920*	920*	Requesting publication of SIR prior to Examiner action		1805	1805	1,840*	1,840*	Requesting publication of SIR after Examiner action		1251	2251	110	55	Extension for reply within first month		1252	2252	410	205	Extension for reply within second month		1253	2253	930	465	Extension for reply within third month		1254	2254	1,450	725	Extension for reply within fourth month		1255	2255	1,970	985	Extension for reply within fifth month		1401	2401	320	160	Notice of Appeal		1402	2402	320	160	Filing a brief in support of an appeal		1403	2403	280	140	Request for oral hearing		1451	1451	1,510	1,510	Petition to institute a public use proceeding		1452	2452	110	55	Petition to revive - unavoidable		1453	2453	1,300	650	Petition to revive - unintentional		1501	2501	1,300	650	Utility issue fee (or reissue)		1502	2502	470	235	Design issue fee		1503	2503	630	315	Plant issue fee		1460	1460	130	130	Petitions to the Commissioner		1807	1807	50	50	Processing fee under 37 CFR 1.17 (q)		1806	1806	180	180	Submission of Information Disclosure Stmt		8021	8021	40	40	Recording each patent assignment per property (times number of properties)		1809	2809	750	375	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	2810	750	375	For each additional invention to be examined (37 CFR § 1.129(b))		1801	2801	750	375	Request for Continued Examination (RCE)		1802	1802	900	900	Request for expedited examination of a design application		Other fee (specify) _____						SUBTOTAL (2) (\$ 0)					SUBTOTAL (3) (\$ 0)
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																								
1001	2001	750	375	Utility filing fee	750																																																																																																																																																																																																																																								
1002	2002	330	165	Design filing fee																																																																																																																																																																																																																																									
1003	2003	520	260	Plant filing fee																																																																																																																																																																																																																																									
1004	2004	750	375	Reissue filing fee																																																																																																																																																																																																																																									
1005	2005	160	80	Provisional filing fee																																																																																																																																																																																																																																									
SUBTOTAL (1)					(\$ 750)																																																																																																																																																																																																																																								
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																								
1051	2051	130	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																									
1052	2052	50	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																																																																																									
1053	1053	130	130	Non-English specification																																																																																																																																																																																																																																									
1812	1812	2,520	2,520	For filing a request for reexamination																																																																																																																																																																																																																																									
1804	1804	920*	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																									
1805	1805	1,840*	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																									
1251	2251	110	55	Extension for reply within first month																																																																																																																																																																																																																																									
1252	2252	410	205	Extension for reply within second month																																																																																																																																																																																																																																									
1253	2253	930	465	Extension for reply within third month																																																																																																																																																																																																																																									
1254	2254	1,450	725	Extension for reply within fourth month																																																																																																																																																																																																																																									
1255	2255	1,970	985	Extension for reply within fifth month																																																																																																																																																																																																																																									
1401	2401	320	160	Notice of Appeal																																																																																																																																																																																																																																									
1402	2402	320	160	Filing a brief in support of an appeal																																																																																																																																																																																																																																									
1403	2403	280	140	Request for oral hearing																																																																																																																																																																																																																																									
1451	1451	1,510	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																									
1452	2452	110	55	Petition to revive - unavoidable																																																																																																																																																																																																																																									
1453	2453	1,300	650	Petition to revive - unintentional																																																																																																																																																																																																																																									
1501	2501	1,300	650	Utility issue fee (or reissue)																																																																																																																																																																																																																																									
1502	2502	470	235	Design issue fee																																																																																																																																																																																																																																									
1503	2503	630	315	Plant issue fee																																																																																																																																																																																																																																									
1460	1460	130	130	Petitions to the Commissioner																																																																																																																																																																																																																																									
1807	1807	50	50	Processing fee under 37 CFR 1.17 (q)																																																																																																																																																																																																																																									
1806	1806	180	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																									
8021	8021	40	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																									
1809	2809	750	375	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																									
1810	2810	750	375	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																									
1801	2801	750	375	Request for Continued Examination (RCE)																																																																																																																																																																																																																																									
1802	1802	900	900	Request for expedited examination of a design application																																																																																																																																																																																																																																									
Other fee (specify) _____																																																																																																																																																																																																																																													
SUBTOTAL (2) (\$ 0)					SUBTOTAL (3) (\$ 0)																																																																																																																																																																																																																																								
2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>2202</td> <td>18</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201</td> <td>2201</td> <td>84</td> <td>42</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203</td> <td>2203</td> <td>280</td> <td>140</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204</td> <td>2204</td> <td>84</td> <td>42</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>2205</td> <td>18</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2)</td> <td>(\$ 0)</td> </tr> </tbody> </table>						Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid	1202	2202	18	9	Claims in excess of 20		1201	2201	84	42	Independent claims in excess of 3		1203	2203	280	140	Multiple dependent claim, if not paid		1204	2204	84	42	** Reissue independent claims over original patent		1205	2205	18	9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)					(\$ 0)																																																																																																																																																																																														
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																								
1202	2202	18	9	Claims in excess of 20																																																																																																																																																																																																																																									
1201	2201	84	42	Independent claims in excess of 3																																																																																																																																																																																																																																									
1203	2203	280	140	Multiple dependent claim, if not paid																																																																																																																																																																																																																																									
1204	2204	84	42	** Reissue independent claims over original patent																																																																																																																																																																																																																																									
1205	2205	18	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																									
SUBTOTAL (2)					(\$ 0)																																																																																																																																																																																																																																								

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Frederick E. Calvetti	Registration No. Attorney/Agent	28,557	Telephone	(202) 263-4300
Signature	<i>Frederick E. Calvetti</i>			Date	September 10, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.